

INSTALLATION & OPERATING  
INSTRUCTION  
for  
REMOTE MOUNTED CONTROL PANELS  
MODEL RMC

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remote mounted control panels, model RMC, are manufactured under Underwriters Laboratories, Inc., Followup Service Program.

General: This instruction sheet covers remote mounted control panels for use with specific open coil or enclosed element Duct Heaters using manual reset limit controls as the secondary safety. They are available in sizes from 12" by 14" wall hung panels to 72" by 72" NEMA 12 free standing models. All panels are for use in indoor installations only.

Operating Controls: All remote panels are provided with terminals for connection of proper wire gauge between the control panel and heater(s) and overcurrent protection for the interconnecting circuits. Overcurrent protection is optional on a single step heater rated at 48 amps or less.

National Electric Code should be followed when connecting field wiring to the Remote Control Panel.

CAUTION

DISCONNECT ALL POWER SUPPLIES BEFORE SERVICING EQUIPMENT.

DO NOT ADD COMPONENTS TO THE CONTROL CIRCUIT(S) AS IMPROPER OPERATION OR FAILURE MAY RESULT.

Installation: Wall hung models are provided with ears for surface mounting at the top and bottom of the control panels. Wall hung models are not to be recessed into the wall. Free standing units must be placed on a solid level floor and secured to prevent the panels from tipping or falling. The legs of free standing models are provided with 3/8" dia. holes for bolting the cabinet to the floor. It is recommended that the panels be placed with the back of the panel against the wall.

The panels must be placed to be adequately ventilated. They may not be recessed in an alcove and, if SCR's are mounted on the outside of the panel, the SCR's must be at least 12" from the nearest side wall.

Remote Panels may not be attached or fastened to the duct work.

A grounding lug is provided for each branch circuit for grounding of circuits between the heater and control panel in accordance with N.E.C. In some cases, a single grounding lug may be provided for several circuits.

See accompanying diagram for proper supply and interconnecting circuit wire sizes.